

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**APPLICANT(S):** Richard E. Matick  
Jaime H. Moreno  
Malcolm Scott Ware

**ASSIGNEE NAME:** International Business Machines Corporation

**ASSIGNEE RESIDENCE:** Armonk, New York

**TITLE:** **CACHE LINE REPLACEMENT TECHNIQUES ALLOWING CHOICE OF LFU OR MFU CACHE LINE REPLACEMENT**

**MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

Application - 19 pages of Specification, 6 pages of Claims and 1 page of Abstract  
6 Sheets of informal drawing(s)  
Declaration and Power of Attorney (unexecuted)

"Express Mail" Label No.: EV326909706US  
I hereby certify that this paper is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature: Linda M. Shachet Date: November 21, 2003

17548 U.S.PTO  
10/7/19294

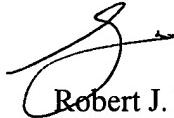


CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	25 - 20 =	5	x \$18 =	\$ 90
Independent Claims	3 - 3 =	0	x \$86 =	\$ 0
Multiple Dependent Claim(s), if applicable			\$ 290 =	\$ 0
Basic Fee				\$770
			TOTAL FEE:	\$860

Please file the application and charge **International Business Machines Corporation's Deposit Account No. 50-0510** the amount of \$860 to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation's Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430.** Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,



Date: November 21, 2003

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